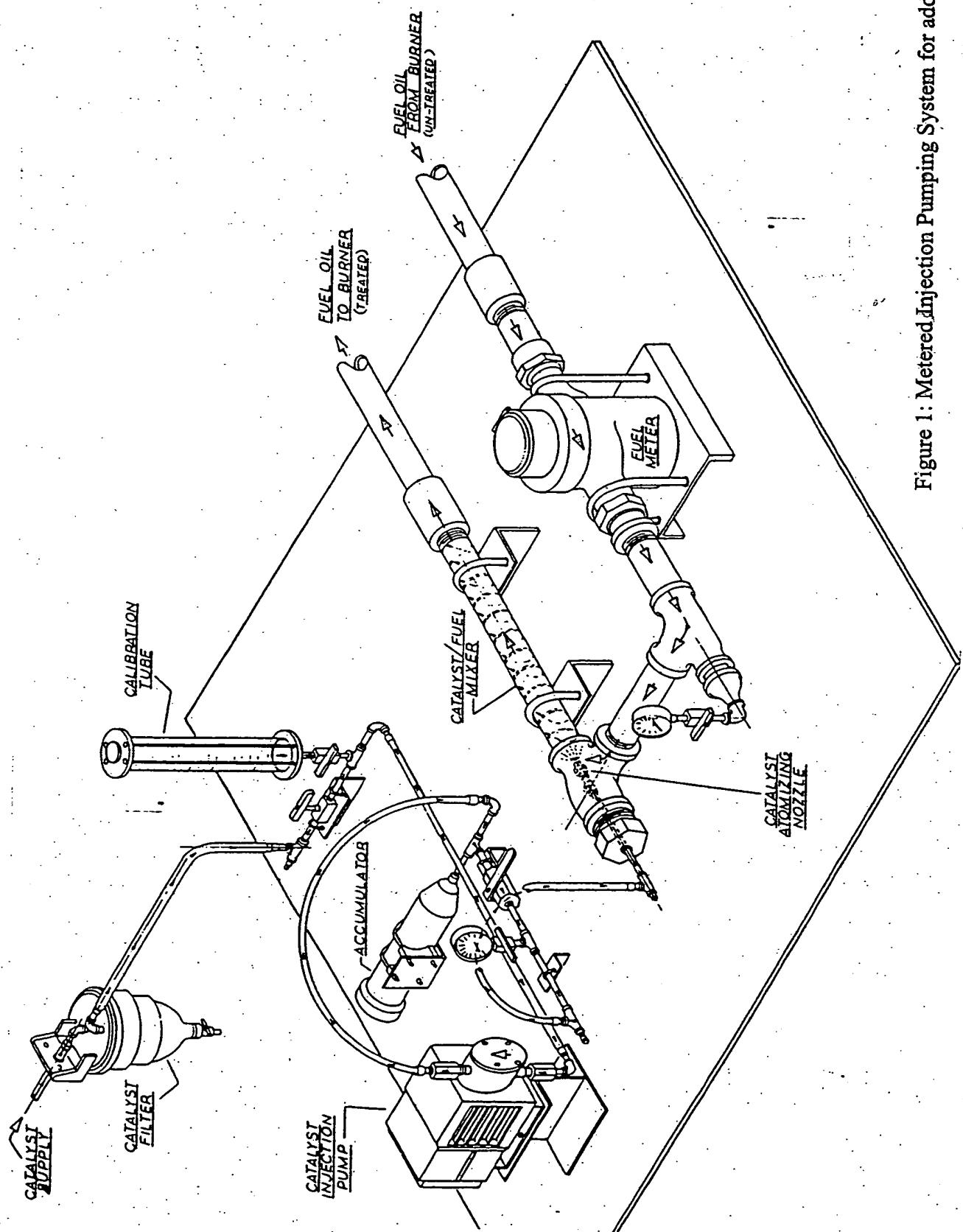


ପ୍ରକାଶନ କମିଶନ୍ ଓ ପ୍ରକାଶନ କମିଶନ୍

Figure 1: Metered Injection Pumping System for additzing resid fuels



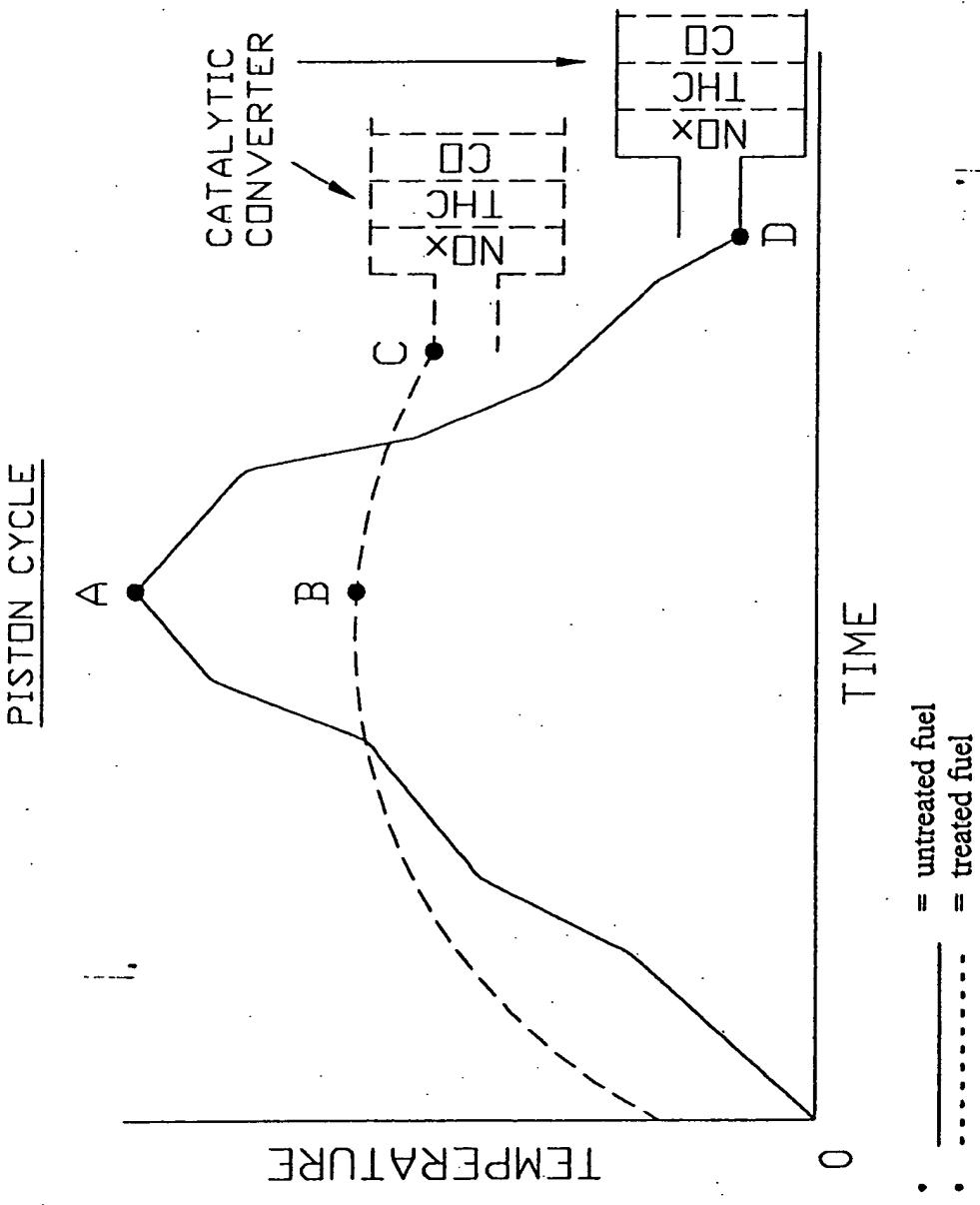


Figure 2: Hypothetical temperature versus time curve for the piston cycle of a gasoline-powered engine operating on untreated fuel and fuel treated with the OR-1 additive

PERMEX 1990  
PERMEX 1990  
PERMEX 1990  
PERMEX 1990  
PERMEX 1990

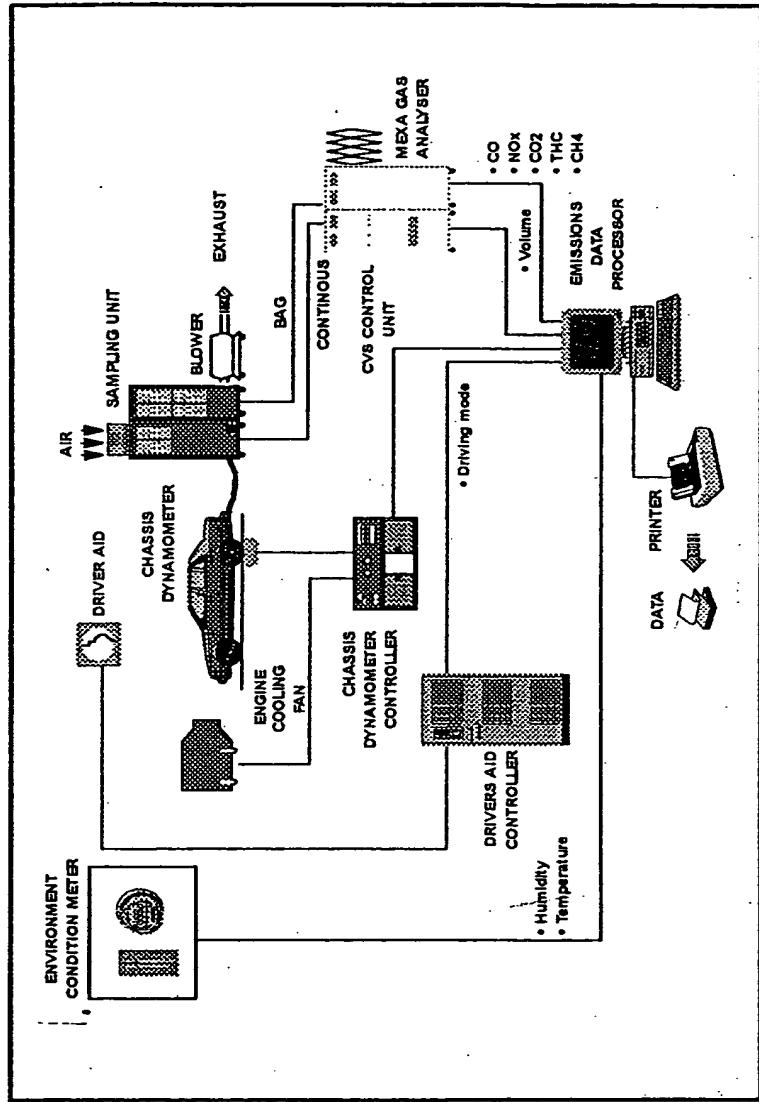


Figure 3: Schematic illustrating the layout of the Vehicle Emissions Testing Laboratory located in Section 27, Selangor Darul Ehsan, Shah Alam, Malaysia

100  
90  
80  
70  
60  
50  
40  
30  
20  
10

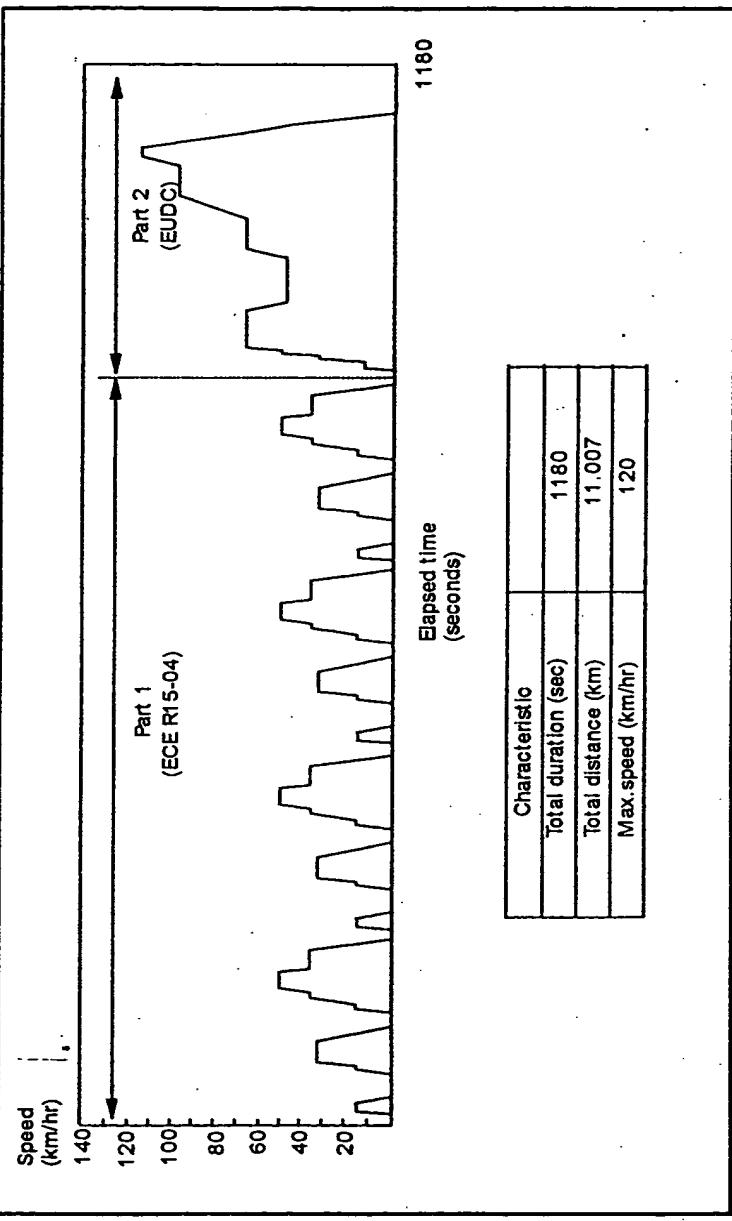


Figure 4: Diagram illustrating the European Emissions Standard ECE R15-04 plus EUDC Emissions Test Cycle

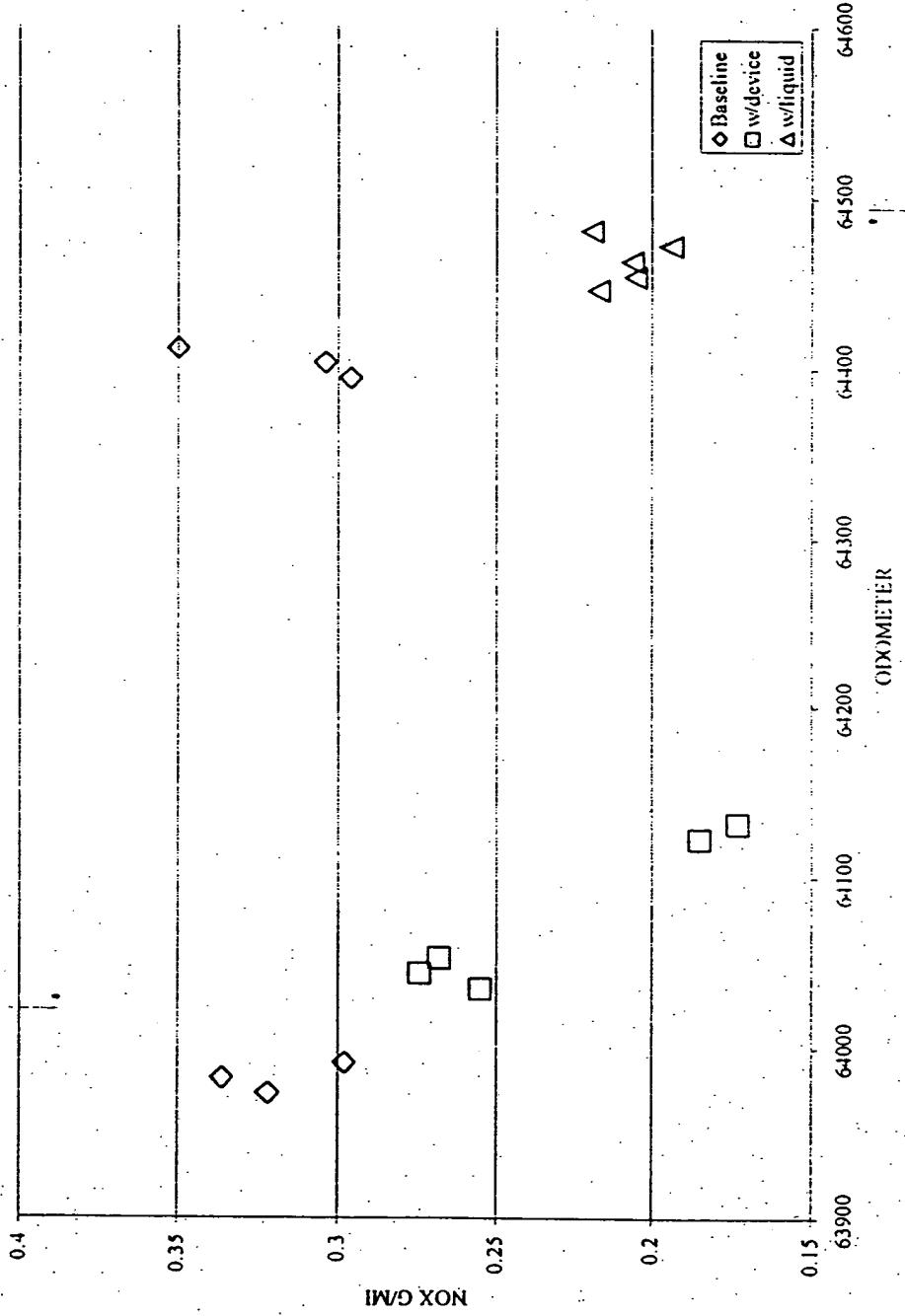


Figure 5: NO<sub>x</sub> emissions as a function of odometer miles for a Ford Taurus

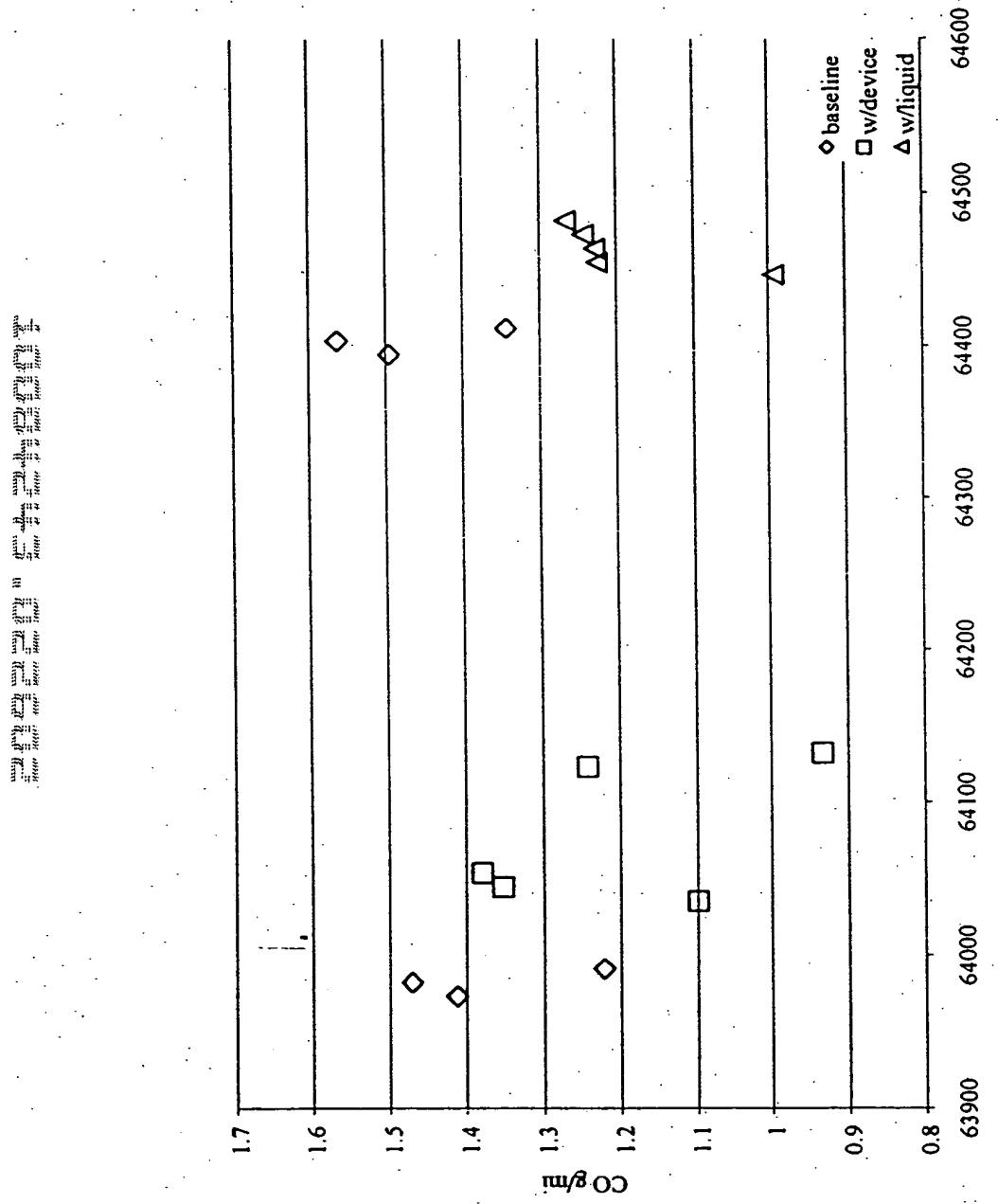


Figure 6: CO emissions as a function of odometer miles for a Ford Taurus

baseline w/device w/liquid

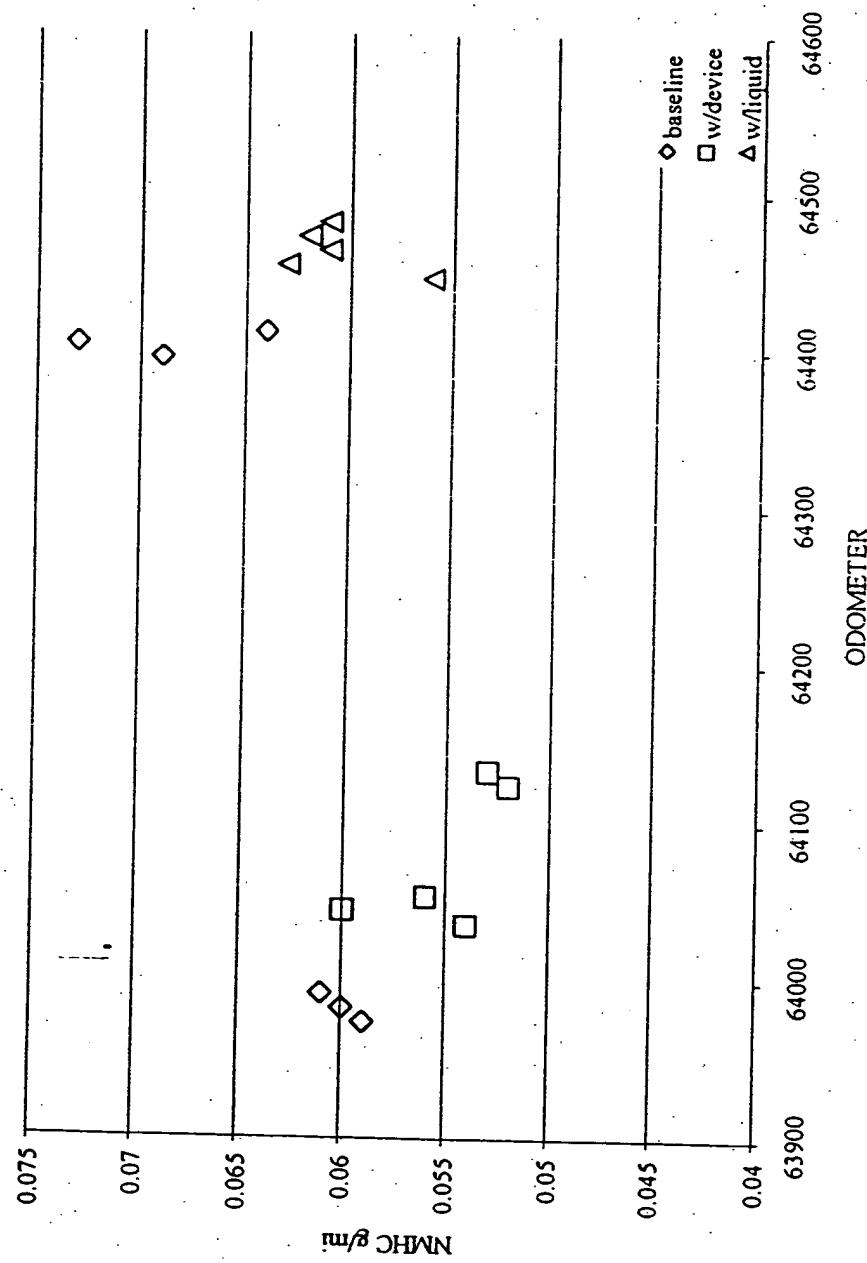


Figure 7: NMHC emissions as a function of odometer miles for a Ford Taurus

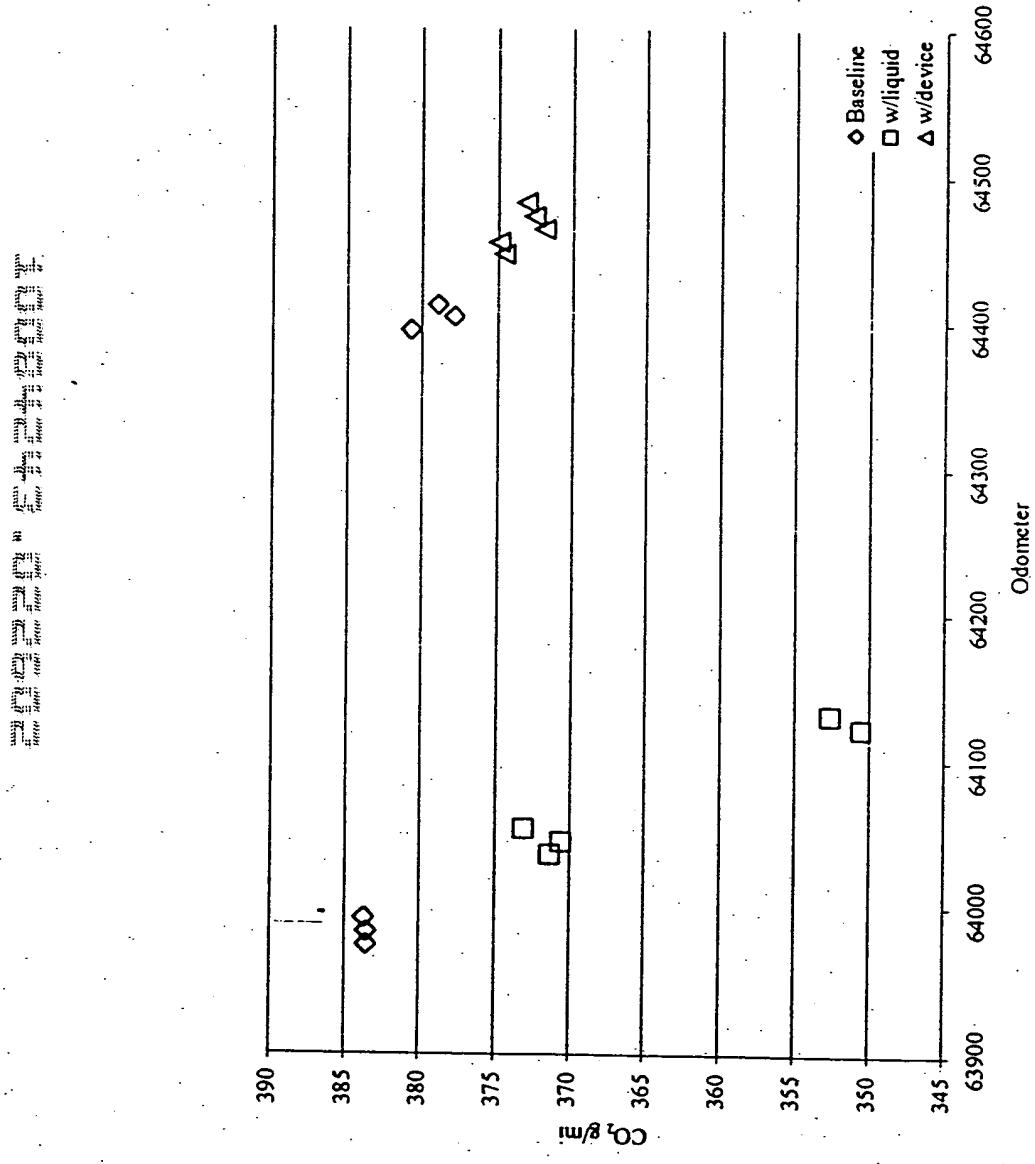


Figure 8: CO<sub>2</sub> emissions as a function of odometer miles for a Ford Taurus

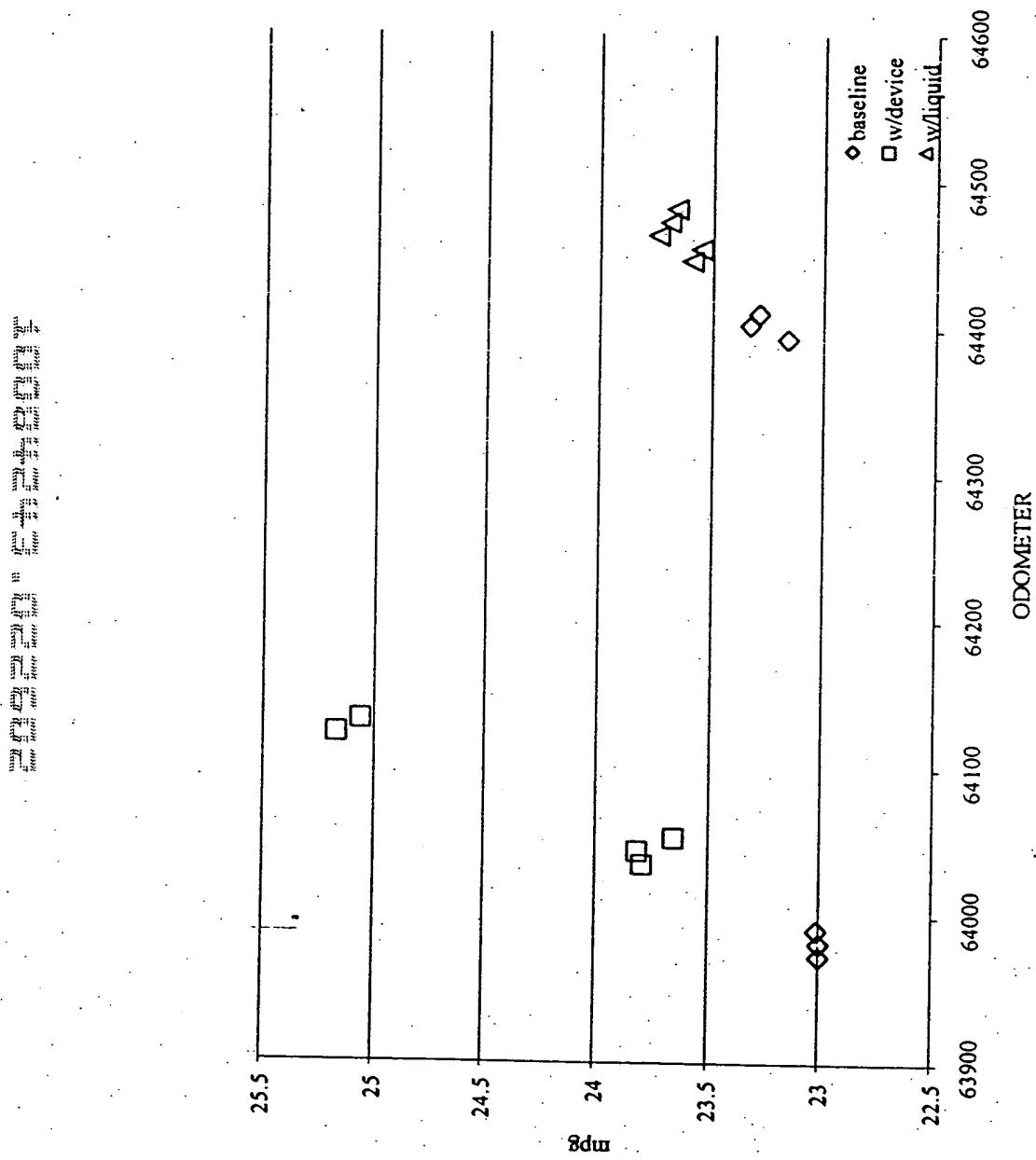


Figure 9: MPG fuel economy as a function of odometer miles for a Ford Taurus

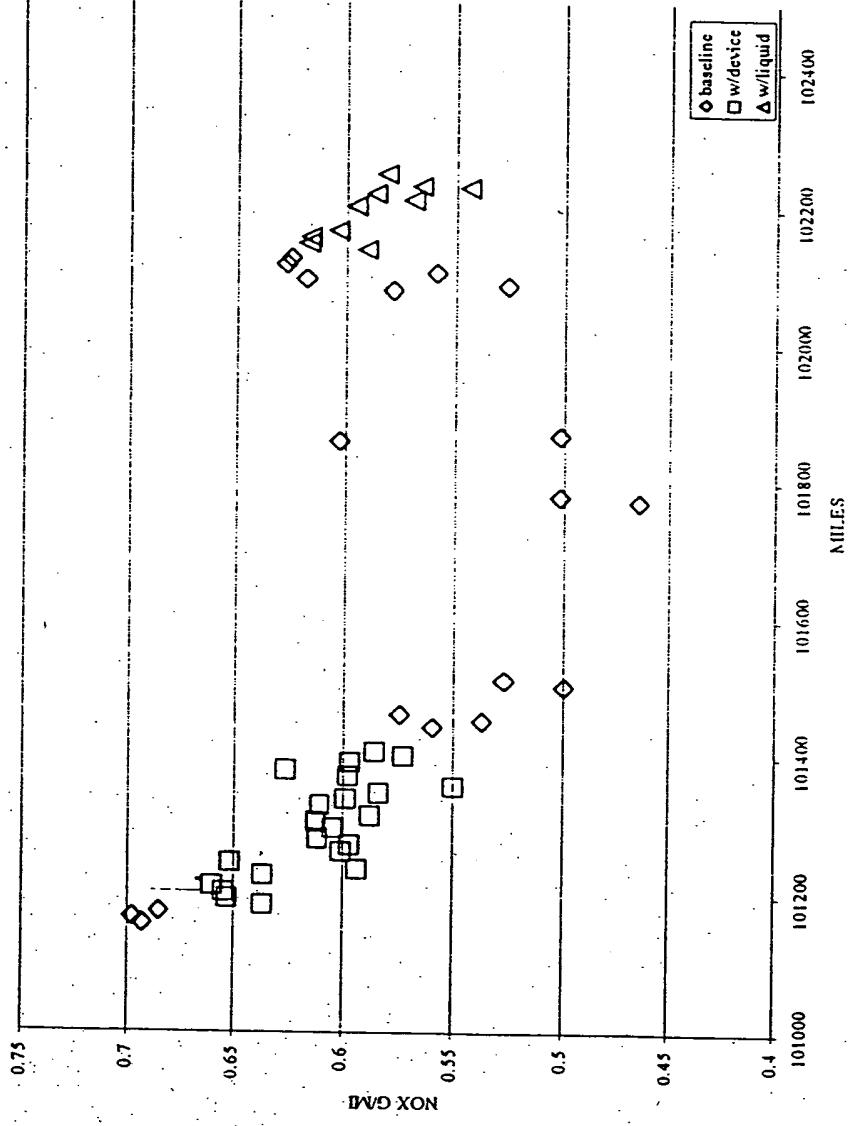


Figure 10: NO<sub>x</sub> emissions as a function of odometer miles for a Honda Accord

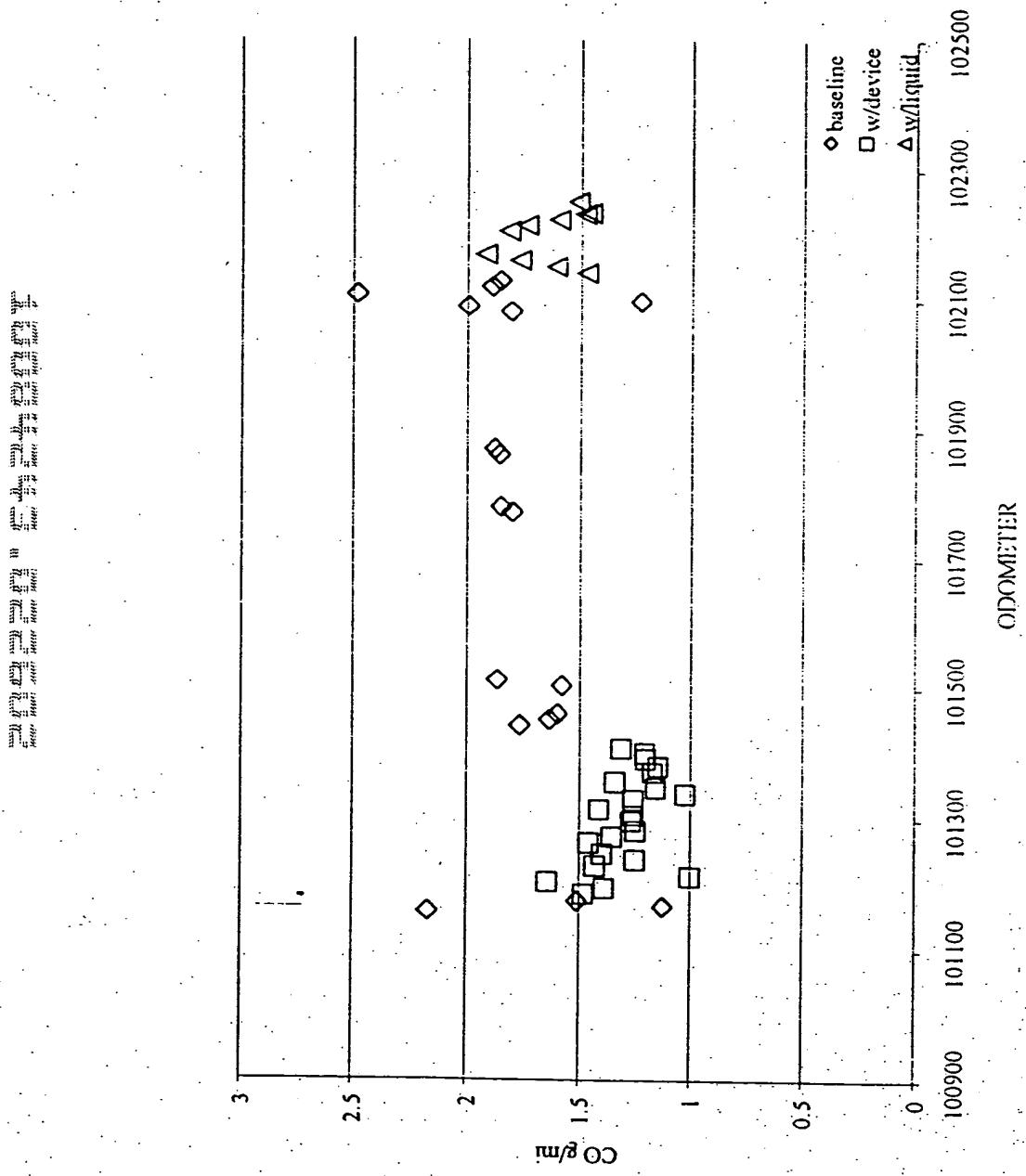


Figure 11: CO emissions as a function of odometer miles for a Honda Accord

baseline    w/device    Δw/liquid

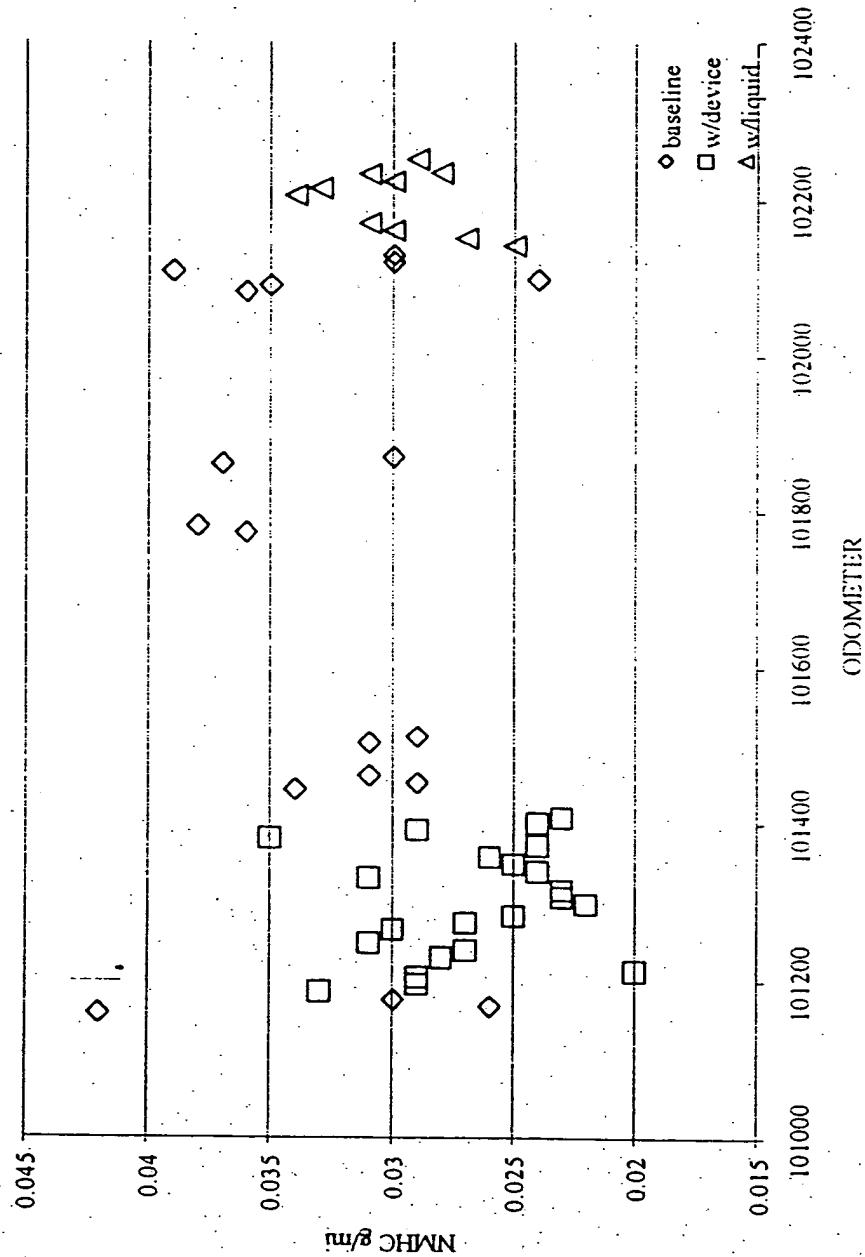


Figure 12: NMHC emissions as a function of odometer miles for a Honda Accord

101000 101200 101400 101600 101800 102000 102200 102400

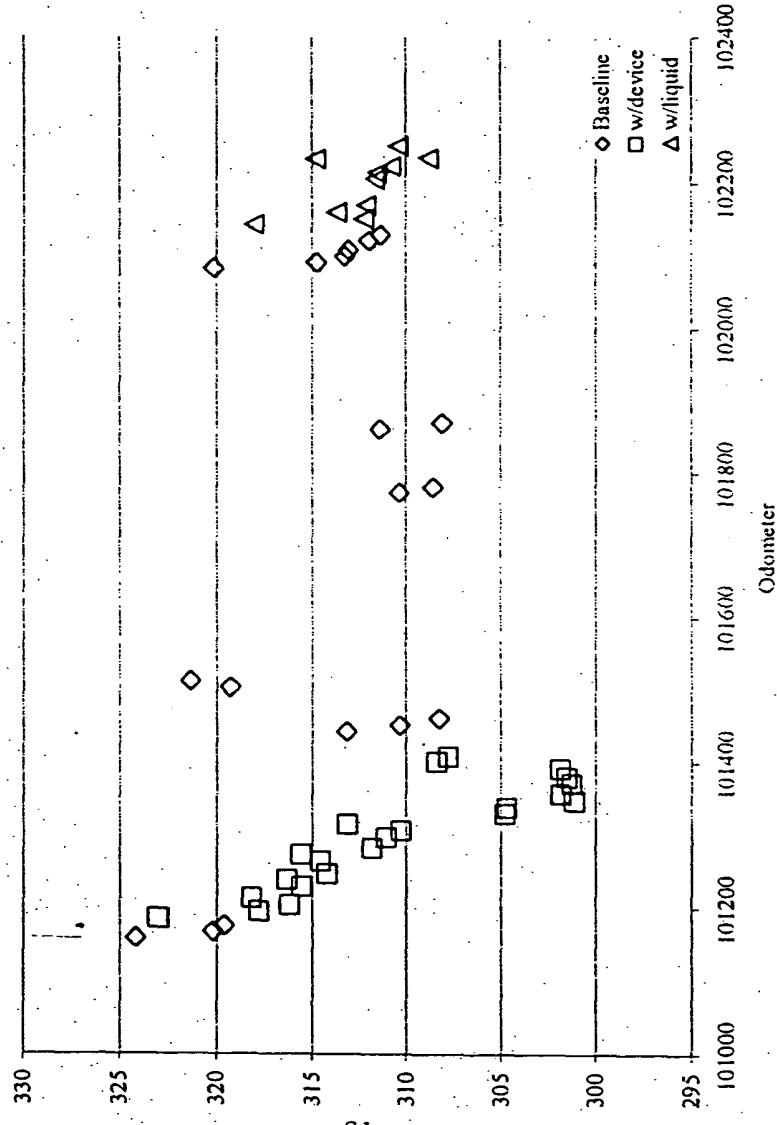


Figure 13: CO<sub>2</sub> emissions as a function of odometer miles for a Honda Accord

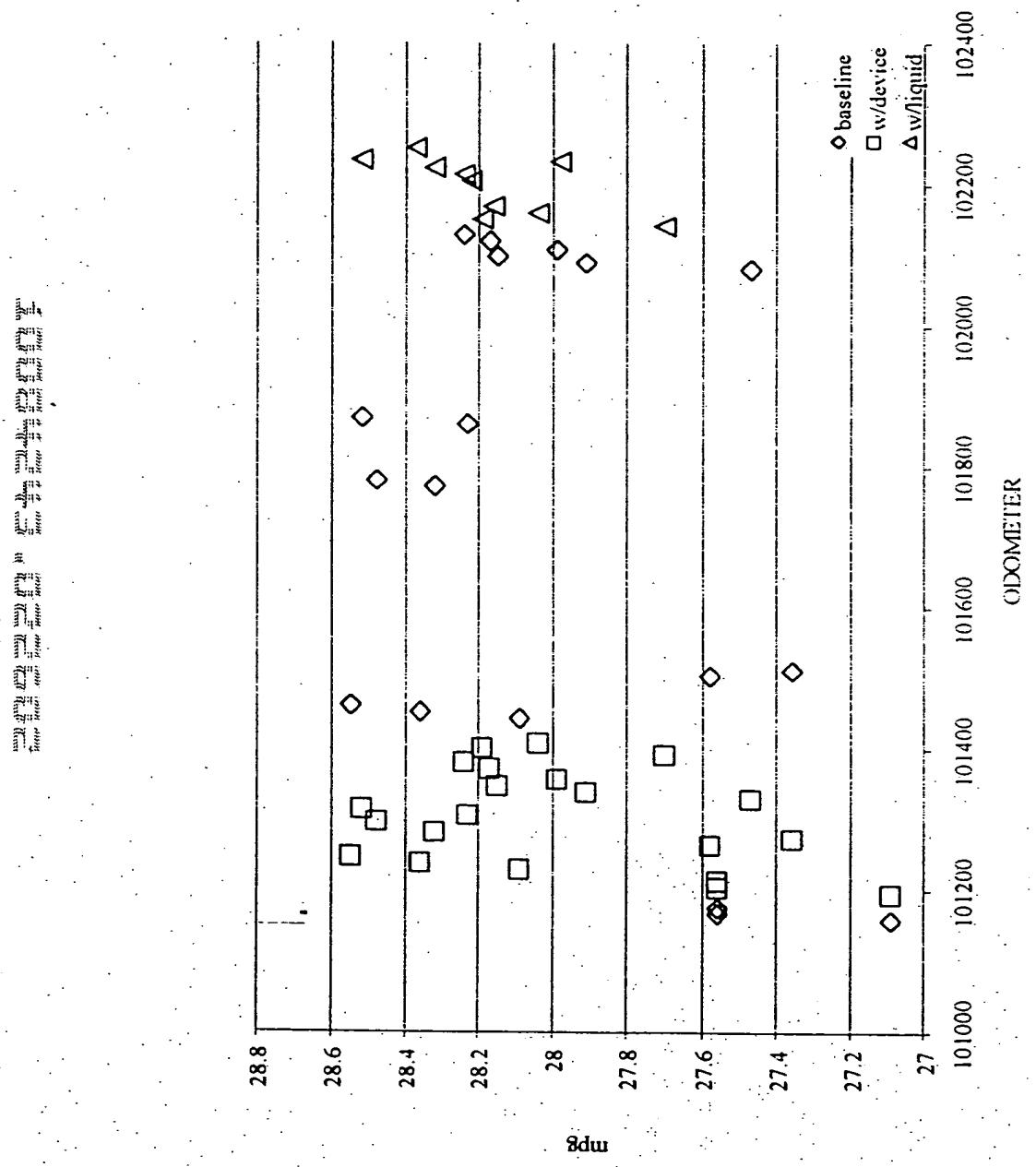


Figure 14: MPG fuel economy as a function of odometer miles for a Honda Accord

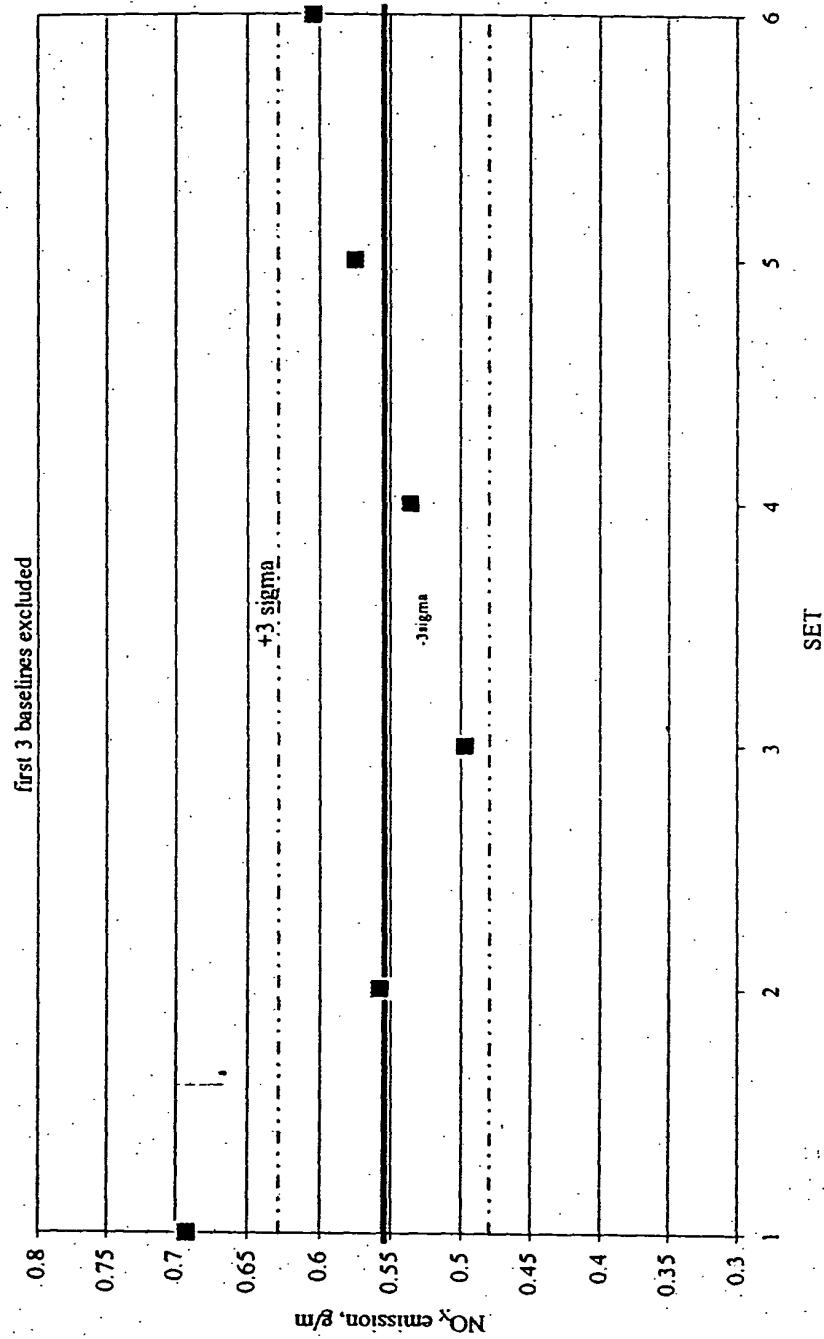


Figure 15: Shewhart Control Plot for  $\text{NO}_x$  in the Honda Accord with the first three baselines excluded

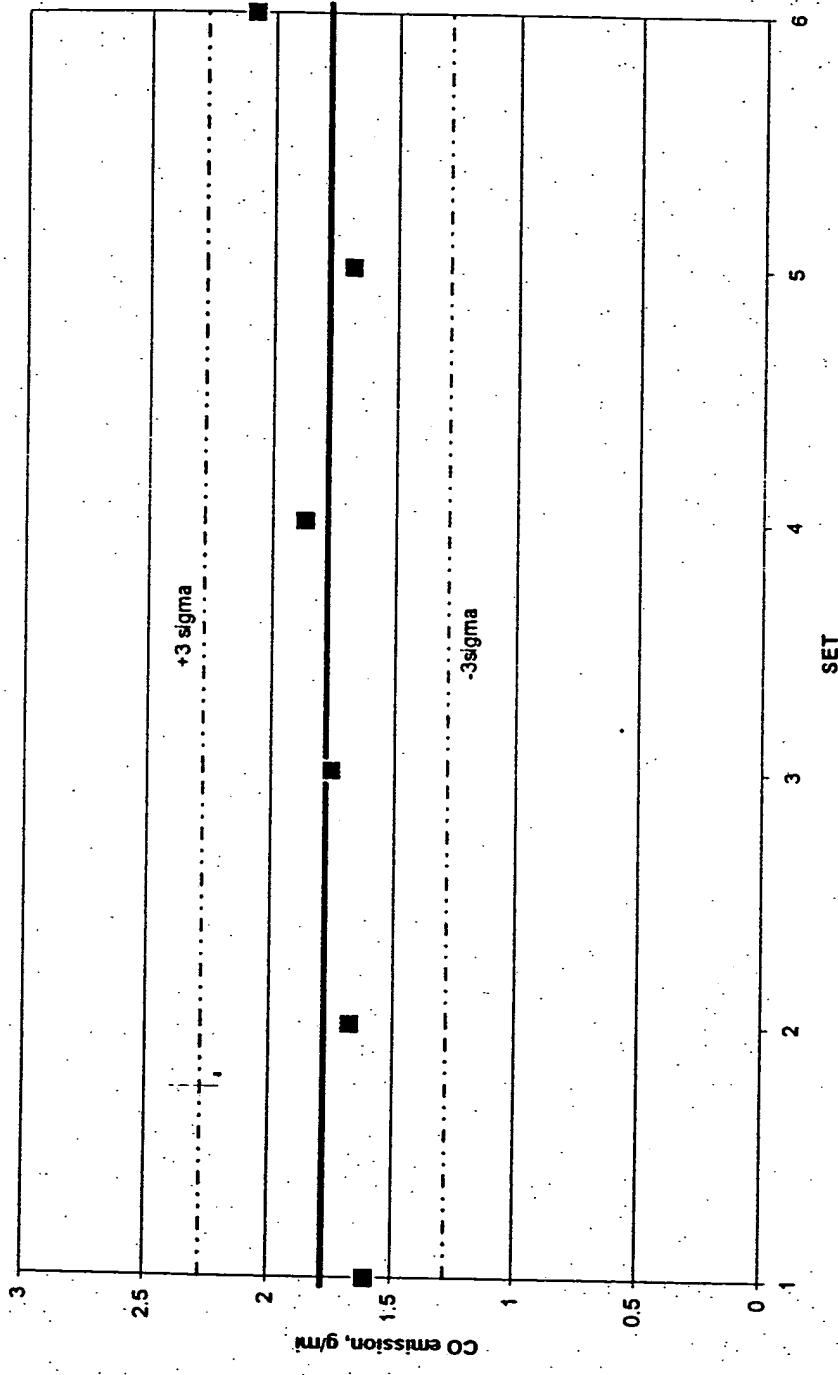


Figure 16: Shewhart Control Plot for CO in the Honda Accord with the first three baselines excluded

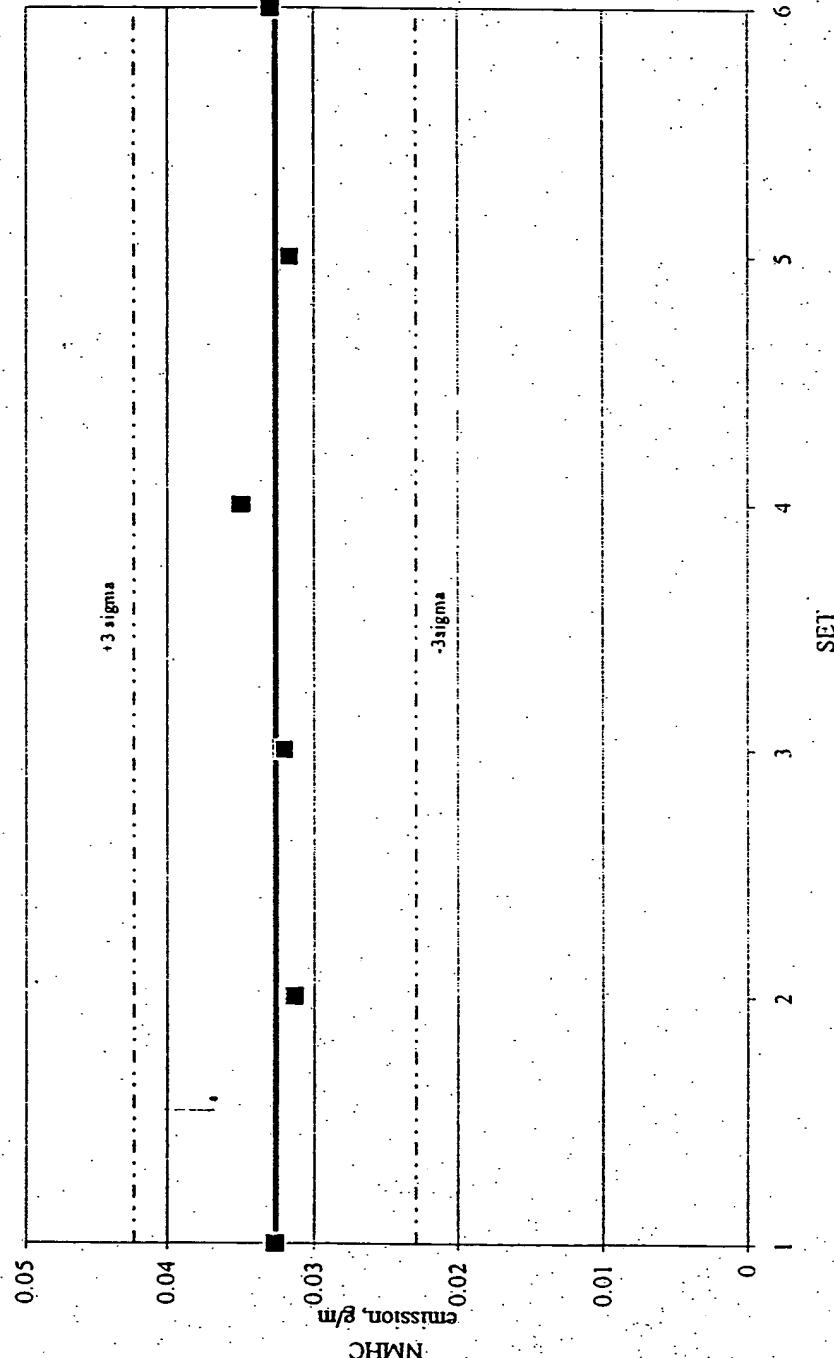


Figure 17: Shewhart Control Plot for NMHC in the Honda Accord with the first three baselines excluded

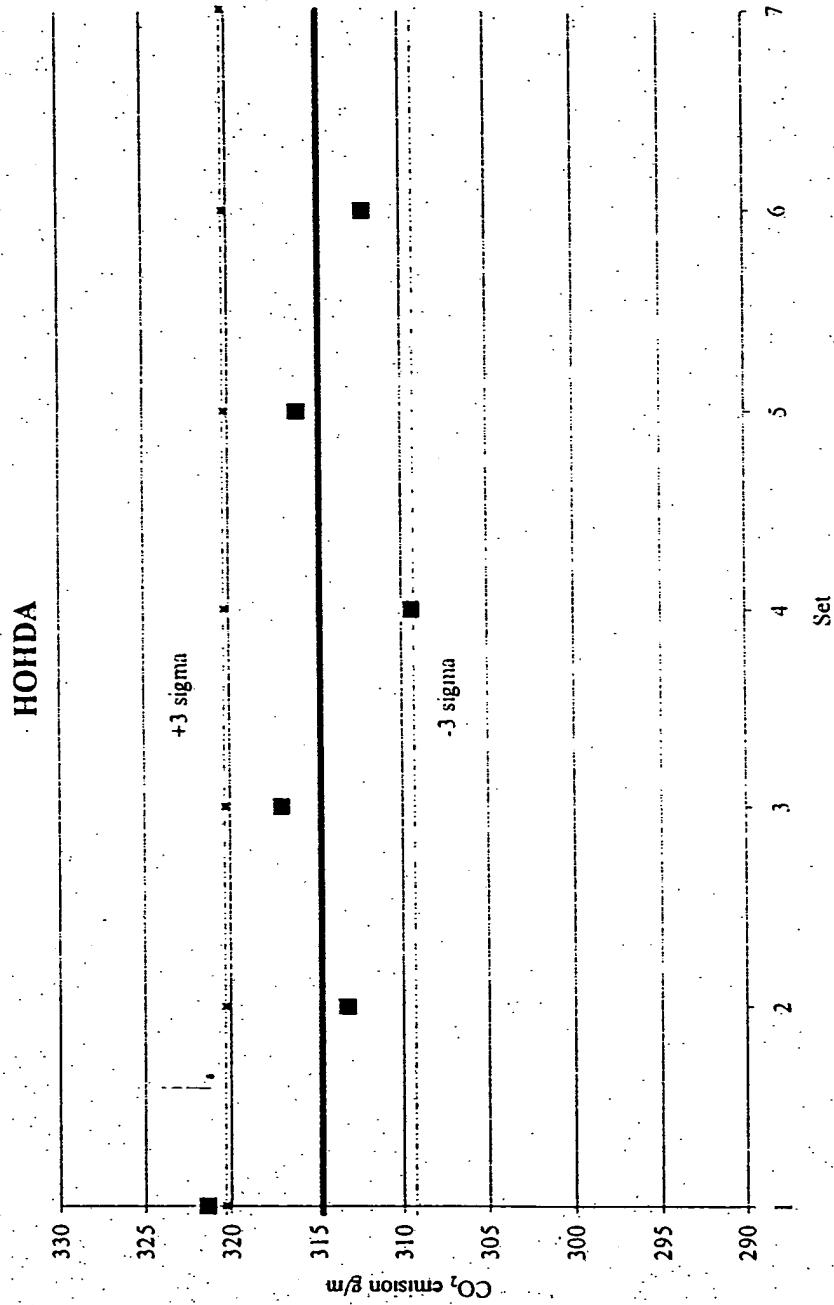


Figure 18: Shewhart Control Plot for  $\text{CO}_2$  in the Honda Accord with the first three baselines excluded

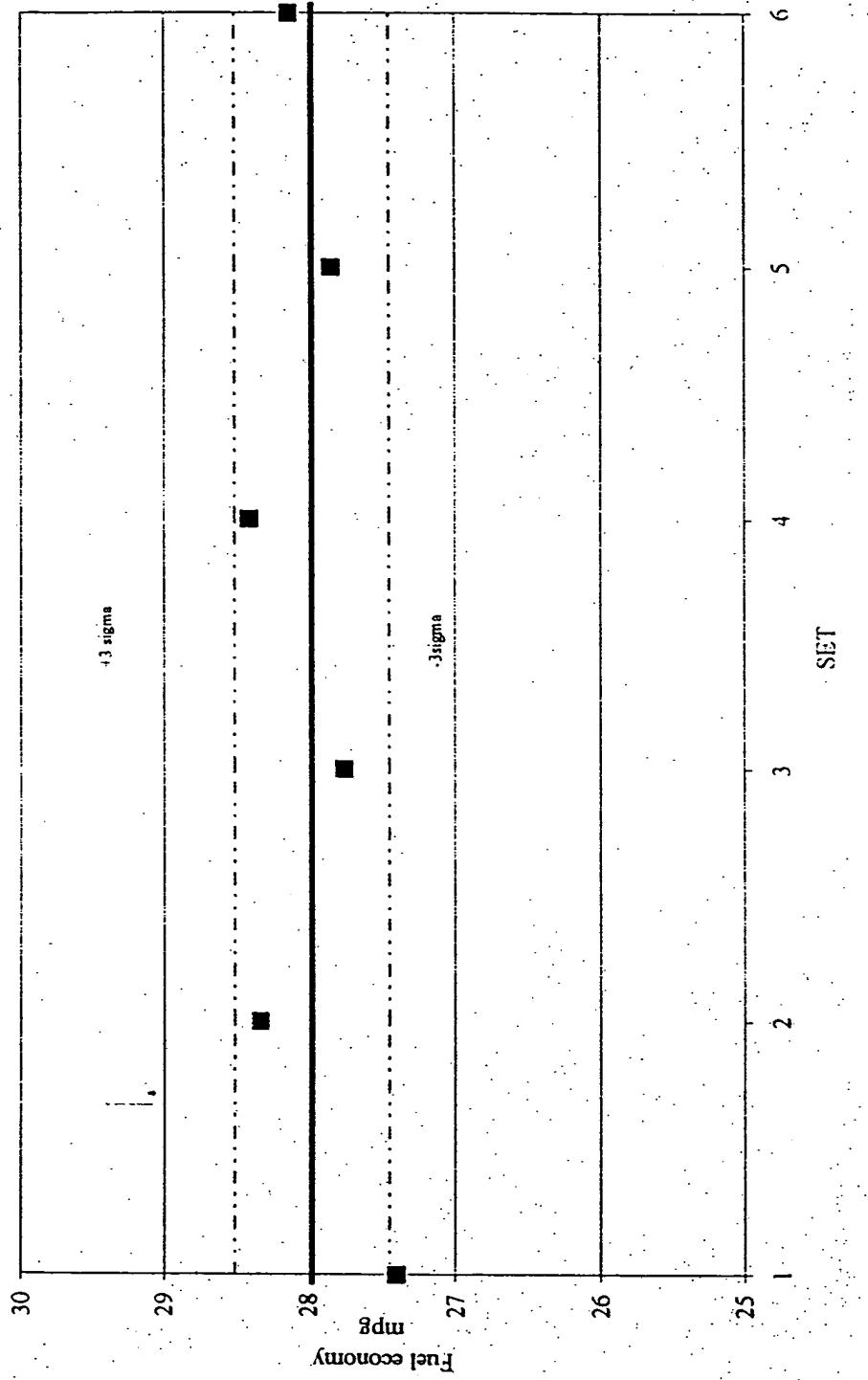


Figure 19 : Shewhart Control Plot for mpg fuel economy in the Honda Accord with the first three baselines excluded